

# **SOUTH PRODUCTION NOTES**

July 19, 2014

**Day Shift**

**BASF EMPLOYEES**

**21 Last Recordable**

**384 Last Lost Time**

**CTO is running in manual**

**Building 9 is regulated, Building 31: 2<sup>nd</sup> floor is regulated**

**Building 16 (Alumina Gel) is regulated**

## **#1 MED / AI 5655:**

Rotolock guard on dust collector repaired, all other work completed on MED line however P&S dryer main bed drive chain was broken before attempt to start. Work notification written, but no mechanic Friday afternoon. Bodmann notified that this will need to be addressed Saturday morning before running. Midnight shift: No chnge. Waiting for maintenance.

Day shift:

Afternoon shift: Dryer main bed drive chain broken (see above) Will need repaired before running. Work order submitted.

## **#1 RC / AI 5655:**

Calcliner is up to temperature and the newly installed rollers trained. Began feeding Friday afternoon mid shift

Midnight shift: Continued to feed and monitored for Nox.

Day shift:

Afternoon shift: Trimer work completed, began feeding afternoon shift. Monitor suction and feed rate. HIGH NOx product, so monitor feed hopper (don't run empty!)

**Exhaust to Trimer**

## **#2 MED line/ Cu-0860:**

Auger was pulled and sent to maintenance. We will need to run one more batch when we get it back and follow Bodman's instructions for feeding the three batches to the calciner.

Midnight shift: Did not start up calciner. Still need to make the third batch on the MED before feeding.

Day Shift:

Afternoon Shift: Dust collector was emptied, and instructions were provided to make three batches during afternoon/into early midnight shift. Then all material from the three batches are to be fed to the calciner and sampled per Bodmann's sampling instructions. Copies of the instructions in CRT room and with calciner operators.

### **#2 RC/ Cu-0860:**

After making the third batch on the MED when we get the auger/extruder back from maintenance.

**Midnight Shift:** Did not start up the calciner. Still need to make the third batch on the MED before starting the calciner.

**Day shift:**

**Afternoon shift:** When three batches are finished from Friday afternoon/evening, feed all three to the calciner and following John Bodmann's sampling instructions. Copies in CRT room and with calciner operators. Get samples to lab as soon as possible Saturday morning.

**Exhaust to F1**

### **#3 MED / D-0702:**

Down due to the spreader belt not working.

**Midnight Shift:** Ran for a short time before spreader arm motor again burned up.

**Day shift:**

**Afternoon Shift:** Was running but oscillating belt motor on P&S dryer burned up. Work notification written and Charlie Fern contacted. Should be ready by end of shift. If OK, restart line.

### **#3 RC / D-0702:**

Continue to feed and monitor the CTO(it is in manual).

**Midnight shift:**

**Day shift:**

**Afternoon Shift:** Continue

**Exhaust to CTO-is in Manual**

### **#4 RC / Cr 5655:**

Calciner still finishing it's auto shut down sequence. We will need to get it started when it finishes it's sequence.

**Midnight Shift:** Calciner clean up short list completed on first half of midnight shift. Need to get calciner started when it finishes it's shut down sequence.

**Day shift:**

**Afternoon Shift:** Calciner brought down and running in reverse. By 9:30 pm, will restart and work on short list off of "#4 calciner Cleanup" email from John Bodmann. When items done, get calciner up to temp and follow feeding instructions on same list.

**Exhaust to 4DC**

### **#5 RC / Cu-3818:**

Maintenance installed dam a 5" dam. Make sure Bodmann supplies instructions for new Roton/Vac-U-Max system (old roton no longer in service).

Midnight Shift: On hold. Waiting for maxi valve replacement.

Day shift:

Afternoon shift: Down for Maxi valve replacement (Saturday)

**Exhaust to 5A DC**

### **New Pfaudler / Cr-5655 SNAP:**

Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

Midnight shift: Continued to make batches. Lot 25 of the AL 5655 is good to use per John Bodman.

Day shift:

Afternoon Shift: Chrome tank made, continue batches midnight shift

### **National Dryer / Cr 5655:**

Continued feeding as material is available.

Midnight Shift: Continued to feed.

Day shift:

Afternoon Shift: Continue as material available

### **Old Pfaudler D-0761 ZSH Spheres:**

Continue on.

Midnight Shift: Continued on.

Day Shift:

Afternoon Shift: Pulled operator for PK set-up (pill mix) and chrome tank

### **#6 RC /D-0761 ZSH Spheres:**

Continue to feed and get all required samples.

Midnight shift: Continued to feed.

Day Shift:

Afternoon shift: Continue.

**Exhaust to Sly Scrubber**

### **PK Blender / Pill Mix:**

PK discharge valve is not working properly. A work order is in to repair this. Continue to run once this is repaired.

Midnight Shift: Made one batch and wrote a work order to repair the discharge valve. Batch was loaded into the west horn machine feed hopper.

Day shift:

Afternoon shift: Set up for pill mix, could not make batches (chrome tank made). Will try to start batch late shift and continue until middle of midnight shift, then bring whatever made to load a bag or two into west hopper and let settle during second half of midnight shift. Then follow Justin's instructions for making first pills on this machine.

### **Abbe Blender:**

**HOLD. Waiting on next run.**

Midnight shift:

Day shift: Hold

Afternoon Shift:

### **Tower 3 / Cu 0860:**

Continue to run.

Midnight Shift: Tower was unloaded and began reloading late in the shift.

Day shift:

Afternoon shift: Continue, tower should come down day shift Saturday, earliest

### **Tower 6 / E-474:**

Continue to run. Issues with the preheater on midnight shift(7/19/14)

Midnight Shift: Issues with the preheater. Should come down in another 24 hours.

Day shift:

Afternoon shift: Continue, should come down sometime Saturday afternoon

### **North Screener / Cu 0860:**

The north screener will be left set for Cu-0860

Midnight shift: Tower unloaded late in the shift. Can start screener on first.

Day shift:

Afternoon Shift: No material

### **South Screener / E 474:**

Screener changed over to E 474



**Midnight shift: Continued to run first half of the shift.**

**Day shift:**

**Afternoon Shift: Continue**

### **#2662 (west) Pill Machine / Zr-0403 1/8:**

**We can start up midway through day shift.**

**Midnight shift: Hopper loaded mid shift. Can start up midway through day shift.**

**Day Shift:**

**Afternoon shift: See Justin's Horne machine plan (email). Will need to get initial pill mix bags from PK to west feed hopper and load a bag or two, then follow rest of his instructions.**

### **#2664 (east) Pill Machine / Zr-0403 1/8: Hold**

**DC back together, pill machine in place. West machine was tested and looked / sounded good. Setting up machine. A new work notification has been written to troubleshoot fuses blown out each time we engage the clutch – 934249468.**

**Midnight shift: Started hopper rinse down late in the shift. Will still need to replace dust collector lines per Justin's e-mail.**

**Day Shift:**

**Afternoon shift: See Justin's Horne machine plan (email). East dust collector is OK and ready to go. Hopper will need to be re-rinsed. DC lines need to be replaced.**

### **TK #2 / V 2010:**

**Temperatures are continuing to go up. Once temperatures are there we can start loading material but keep in mind that operators are to use improved PPE (racal, papr). Top saggars will still not be loaded (keep in place and empty).**

**Midnight shift: Started to unload midway through the shift. We are now loading and unloading.**

**Day Shift:**

**Afternoon shift: Per Bill Grodecki, should be able to start unloading about mid shift on midnight. TK kicked out Thursday night and temps dropped significantly, so decision was made to let material in kiln travel second time around while heating back to correct temp.**

### **Miscellaneous:**

- 1. A work notification is in to have maintenance replace the guard on the #1 DC rotolock – roof.**

- a. Use the same work notification – duct tape is not an accepted form of repair most of the time and certainly not this time...**

### **Work Orders:**

- 1. #2 extruder press out**

- 2. #3 spreader belt motor**
- 3. PK discharge valve**
- 4. #1 DC rotolock guard**
- 5. Scale under the #2664 Horne Pill Machine**
- 6. Blow down leak on #7DC**
- 7. Repair auto-sampler for #6 RC**